

EM 200-1-1
1 Jul 94

APPENDIX A

REFERENCE

EM 200-1-1
1 Jul 94



DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

REPLY TO
ATTENTION OF:

CEMP-RT (200-1a)

14 SEP 1993

MEMORANDUM FOR SEE DISTRIBUTION

Subject: Hazardous, Toxic & Radioactive Waste (HTRW) - Policy
Guidance on Validation of Commercial Analytical Chemistry
Laboratories

1. Reference ER 1110-1-263, Chemical Data Quality Management for Hazardous Waste Remedial Activities, 1 Oct 90.

2. The referenced ER requires that all commercial analytical chemistry laboratories which analyze samples in support of all HTRW projects be validated by CEMRD-ED-EC for project specific parameters prior to the analysis of those samples. This memo supplements the reference by providing policy guidance on:

- a. The use of lists of validated laboratories (paragraph 3); and
- b. Alternative validation procedures for laboratories supporting underground storage tank (UST) projects (paragraph 4).

3. A list of validated laboratories, which now includes about 160 laboratories, is distributed monthly by the HTRW MCX (CEMRD-ED-EC) to all Divisions and Districts. The following information, regarding laboratory validations and the use of these lists, must be provided to potential contractors in CBD announcements or subsequent solicitation packages:

Laboratories must be validated for project specific parameters prior to analyzing any samples under contract as part of USACE HTRW Program execution. Laboratories must be revalidated every eighteen months if they are actively supporting USACE projects.

b. Initial laboratory validations require eight to twelve weeks, depending on the responsiveness of the laboratory. Revalidation usually requires less time.

The list of currently validated laboratories and/or information (encl 2) on the validation process can be obtained from the contracting office of the procuring district.

d. Potential contractors may use laboratories on the list or propose to use laboratories not on the list. Proposed laboratories not on the list will be validated.

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A "Request for Evaluation of Commercial Laboratory" form (encl 1) must be submitted to the HTRW MCX (CEMRD-ED-EC) by a contracting Officer Representative for all projects/contracts, regardless of whether the laboratory is on the list. The form must be submitted as soon as a contract has been awarded to the prime contractor and may be faxed to Ms. Paulette Lewis at 402 221-7403.

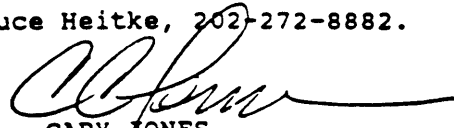
4. For projects consisting of the removal of Underground storage tanks (UST) Which have contained only petroleum, oils, or lubricants, there are two alternatives to the validation process described in ER 1110-1-263. The following alternatives apply only to predesign sampling of UST organic phase contents and soil sampling during removal. They do not apply to investigations required by groundwater contamination or extensive soil contamination.

a. State certified laboratories may be used without USACE validation, if the state considers its certification to be applicable to UST removal. When this alternative is selected, a document in the project file must identify the individual responsible for coordination with the state.

b. The HTRW MCX will follow an abbreviated laboratory validation process if requested on the "Request for Evaluation of Commercial Laboratory" form (encl 1) and the analyses identified are applicable to UST removal. The laboratory's standard operating procedure for the required analyses must be submitted to the HTRW MCX for review. Based on the SOPs and other available information, the HTRW MCX will determine the remainder of the validation process. The HTRW MCX may delegate certain validation responsibilities to Division Chemistry Laboratories by mutual consent. Note that the SOPs are not copies of printed standard methods, but rather step-by-step procedures which are followed by the laboratories for sample analysis, quality control, and data reporting. Laboratories validated by this abbreviated procedure may be used only for the UST projects defined above.

5. The CEMP-RT POC is Dr. **Bruce Heitke, 202-272-8882.**

2 Encls



CARY JONES
Chief, Environmental Restoration
Division
Directorate of Military programs

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COMMANDER:

HUNTSVILLE DIVISION, ATTN: CEHND-CT
HUNTSVILLE DIVISION, ATTN: CEHND-ED-CS
HUNTSVILLE DIVISION, ATTN: CEHND-TD
HUNTSVILLE DIVISION, ATTN: CEHND-TD-TO
LOWER MISSISSIPPI VALLEY DIVISION, ATTN: CELMV-ED-W
LOWER MISSISSIPPI VALLEY DIVISION, ATTN: CELMV-CO-C
LOWER MISSISSIPPI VALLEY DIVISION, ATTN: CELMV-CT
MISSOURI RIVER DIVISION, ATTN: CEMRD-ED
MISSOURI RIVER DIVISION, ATTN: CEMRD-ED-L
MISSOURI RIVER DIVISION, ATTN: CEMRD-CT
NEW ENGLAND DIVISION, ATTN: CENED-CT
NEW ENGLAND DIVISION, ATTN: CENED-ED
NEW ENGLAND DIVISION, ATTN: CENED-ED-GL
NEW ENGLAND DIVISION, ATTN: CENED-PD-L
NORTH ATLANTIC DIVISION, ATTN: CENAD-CT
NORTH ATLANTIC DIVISION, ATTN: CENAD-EN-TS
NORTH ATLANTIC DIVISION, ATTN: CENAD-CO-CE
NORTH ATLANTIC DIVISION, ATTN: CENAD-PP-PM
NORTH CENTRAL DIVISION, ATTN: CENCDC-CT
NORTH CENTRAL DIVISION, ATTN: CENCDC-ED
NORTH CENTRAL DIVISION, ATTN: CENCDC-CO-C
NORTH CENTRAL DIVISION, ATTN: CENCDC-TE-ED-W
NORTH PACIFIC DIVISION, ATTN: CENPD-CT
NORTH PACIFIC DIVISION, ATTN: CENPD-PE-GT
NORTH PACIFIC DIVISION, ATTN: CENPD-PE-GT-L
NORTH PACIFIC DIVISION, ATTN: CENPD-PM-MP
OHIO RIVER DIVISION, ATTN: CEORD-CT
OHIO RIVER DIVISION, ATTN: CEORD-ED
OHIO RIVER DIVISION, ATTN: CEORD-PE-GL
OHIO RIVER DIVISION, ATTN: CEORD-DL-MS
PACIFIC OCEAN DIVISION, ATTN: CEPOD-CT
PACIFIC OCEAN DIVISION, ATTN: CEPOD-ED-ME
SOUTH ATLANTIC DIVISION, ATTN: CESAD-CT
SOUTH ATLANTIC DIVISION, ATTN: CESAD-EN
SOUTH ATLANTIC DIVISION, ATTN: CESAD-EN-FL
SOUTH ATLANTIC DIVISION, ATTN: CESAD-PM-H
SOUTH PACIFIC DIVISION, ATTN: CESPDC-CT
SOUTH PACIFIC DIVISION, ATTN: CESPDC-ED
SOUTH PACIFIC DIVISION, ATTN: CESPDC-ED-GL
SOUTH PACIFIC DIVISION, ATTN: CESPDC-CO-CM
SOUTHWESTERN DIVISION, ATTN : CESWD-CT
SOUTHWESTERN DIVISION, ATTN : CESWD-ED
SOUTHWESTERN DIVISION, ATTN : CESWD-ED-GL
SOUTHWESTERN DIVISION, ATTN : CESWD-PP-M
SOUTHWESTERN DIVISION, ATTN : CESWD-PP-MM

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CF:
CENPA-CT
CENPA-EN-G-M
CESWA-CT
CESWA-ED
CENAB-CT
CENAB-EN-HT
CENCB-CT
CENCB-PE-HQ
CESAC-CT
CESAC-EN-DF
CENCC-ED
CENCE-CT
CENCE-ED-D
CESWF-CT
CESWF-ED
CESWG-CT
CESWG-ED-DC
CEORH-CT
CEORH-ED-AE
CESAJ-CT
CESAJ-EN
CESAJ-CO-CQ
CEMRK-CT
CEMRK-ED
CESWL-CT
CESWL-ED-GH
CESPL-CT
CESPL-ED-GG
CEORL-CT
CEORL-ED-G
CEORL-CD-FB
CELMM-CT
CELMM-ED-HW
CENAN-CL-ME-E
CESAM-CT
CESAM-EN
CESAM-PD-ES
CEORN-CT
CEORN-ED
CELXN-CD
CELMN-CD-QM
CELMN-CT
CELMN-ED-EE
CENAN-CT

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CENAN-EN
CENAO-CT
CENAO-EN-MP
CEMRO-CT
CEMRO-ED-EG
CENAP-CT
CENAP-EN-C
CEORP-CT
CEORP-ED
CENPP-CT
CENPP-ED-DC
CENCR-CT
CENCR-ED-DG
CESPK-CT
CESPK-ED-M
CESPK-ED-G
CELMS-CT
CELMS-ED-HQ
CENCS-CT
CENCS-EN
CESPN-CT
CESPN-EN
CESAS-CT
CESAS-EN
CENPS-CT
CENPS-ED
CENPS-EN-GT-HW
CESWT-CT
CESWT-ED
CESWT-OW-AR
CELMK-CD
CELMK-CT
CELMX-ED-DR
CEIMK-CD-QM
CELMK-OD-M
CEWES-EE-A
CENPW-CT
CENPW-EN-EE
CESAW-CT
CESAW-EN